



CLAIM AMENDMENT

1 - 31 (Canceled)

1 32. (Currently Amended) A verification device for the
2 visual verification of the angle-dependent scattering behavior of a
3 document having light-scattering properties, comprising:

4 a holding device which has a measuring window which can
5 be brought into a predetermined relative position to a security to
6 be verified and an observation window that can be viewed by opti-
7 cally and visually directly by an eye of an observer and is spaced
8 on the holding device from the measuring window;

9 a light feed carried by the holding device and training a
10 plurality of substantially parallel but separate light beams at a
11 predetermined approximate angle (α) onto the measuring window, the
12 angel α varying between said plurality of light beams up to $+10^\circ$;
13 and

14 a light guide device carried by the holding device and
15 capturing a plurality of light beams outputted from a point of the
16 measuring window at different angles (β_1, β_2) to the same side of
17 said point and displaying them simultaneously in parallel or
18 convergingly in the said observation window at the same time to
19 enable a scattering pattern to be obtained from the document and
20 viewed directly by eye by the observer.

1 33. (Previously presented) The verification device
2 according to claim 32 wherein the light feed and the light guide
3 device are arranged at the same side of the measuring window.

4 34. (Previously presented) The verification device
5 according to claim 32 wherein the light feed and the light guide
6 device are arranged at different sides of the measuring window.

1 35. (Previously presented) The verification device
2 according to claim 32 wherein the observation window is provided
3 with a viewing screen upon which the light beams impinge adjacent
4 one another.

36. (canceled)

1 37. (Previously presented) The verification device
2 defined in claim 32 wherein the light feed has a light source
3 constructed to direct white light beams upon the measuring window.

1 38. (Previously presented) The verification device
2 according to claim 37 wherein the light source is at least one
3 light emitting diode.

1 39. (Previously presented) The verification device
2 according to claim 32 wherein the light feed is constructed to
3 collect ambient light and directs the ambient light onto the
4 measuring window.

5 40. ((currently amended) The verification device
6 according to claim 39 wherein the light feed is a plurality of
7 light guide channel wave guides.

41. (Previously presented) The verification device
according to claim 32 wherein the light guide device is a collect-
ing lens and the measuring window lies in a region of a focal plane
of the collecting lens.

1 42. (Previously presented) The verification device
2 according to claim 41 wherein the collecting lens is a cylindrical
3 lens.

1 43. (Previously presented) The verification device
2 according to claim 42 wherein the collecting lens is configured as
3 a semicylinder, whereby the measuring window is located at a flat
4 side of the semicylinder.

1 44. (Previously presented) The verification device
2 according to claim 43 wherein the light guide is embedded in the
3 semicylinder.

45. (canceled)

1 46. (Previously presented) The security verification
2 device according to claim 32 wherein the light guide is formed from
3 individual light guides which are respectively oriented to the
4 light beams reflected at different angles (β_1 , β_2).

5 47. (Previously presented) The verification device
6 according to claim 46 wherein the light guides have ends open
7 adjacent one another in the observation window.

1 48. (Previously presented) The apparatus according to
2 claim 47 wherein one of said devices has a surface for receiving a
3 reference paper and the other of said devices has an abutment for
4 positioning a document to be validated.

1 49. (Previously presented) The apparatus according to
2 claim 49 wherein the surface for receiving the reference paper
3 includes a drum on which one or more reference documents can be
4 fastened.

1 50. (Previously presented) An apparatus for the optical
2 testing of flat objects comprising:
3 a housing,
4 an emplacement surface carried by the housing and having
5 at least one first region and a second region for supporting an

6 object and for a sliding shifting thereof between the first and
7 second regions,

8 a device according to claim 32 which is carried by the
9 housing and whose measuring window lies above the first region of
10 the emplacement surface or coincides therewith, and

11 an infrared camera carried by the housing and targeted on
12 the second region.

1 51. (Previously presented) The apparatus according to
2 claim 50 wherein the infrared camera is a black white CCD camera
3 which is provided with a blocking filter for the visible light
4 range.

1 52. (Previously presented) The apparatus according to
2 claim 50 wherein a monitor is provided which is carried by the
3 housing and is connected to the output of the infrared camera.

1 53. (Previously presented) The apparatus according to
2 claim 50 wherein the housing has a second light source which is
3 trained from above onto the second region and has a significant
4 proportion of its radiation in an infrared region and is selec-
5 tively capable of being switched on.

1 54. (Previously presented) The apparatus according to
2 claim 53 wherein the second light source is a glow filament lamp.

1 55. (Previously presented) The apparatus according to
2 claim 50 wherein the second region of the emplacement surface is
3 light permeable and the housing carries a third light source which
4 is trained from below onto the second region and has a significant
5 proportion of radiation in an infrared range and can be selectively
6 switched on.

1 56. (Previously presented) The apparatus according to
2 claim 55 wherein the third light source also has a significant
3 proportion of its radiation in the visible light range.

1 57. (Previously presented) The apparatus according to
2 claim 56 wherein the third light source is a glow filament lamp.

1 58. (Previously presented) An apparatus according to
2 claim 50 wherein the emplacement surface has a third region for
3 supporting the object and for sliding shifting thereof between the
4 first region, the second region and the third region, whereby the
5 housing having a fourth light source trained from above onto the
6 third region and having a significant proportion of radiation in
7 the ultraviolet range.

1 59. (Previously presented) The apparatus according to
2 claim 50 wherein the housing has a cover hood which is arranged

3 above the emplacement surface and has at least one lateral opening
4 for access to the emplacement surface.

1 60. (Previously presented) The apparatus according to
2 claim 59 wherein the third region is spaced from the opening.

1 61. (Previously presented) The apparatus according to
2 claim 50 wherein the emplacement surface is equipped in a fourth
3 region with an inductive sensor.